

## Production - Natural Gas STAR Annual Report 2005

### Company Information

Company Name: **Quicksilver Resources**  
Gas STAR Contact: **Genny Watson**  
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Company Information Updated: No

### Activities Reported

BMP1: No BMP2: Yes BMP3: No

Total Methane Emission Reductions Reported This Year: **10710**

Previous Years' Activities Reported: **No**

### Period Covered by Report

From:

To:

### Additional Comments



Entered in ISTAR  
3/17/06  
RR

GA/QC 4/11/06 OF

BMP2: Install Flash Tank Separators on Glycol Dehydrators

**Current Year Activities**

**A. Facility Summary**

Number of flash tank separators installed this reporting period: **1 flash tanks**

Percent of dehydrators in system equipped with flash tank separators: \_\_\_\_\_ %

**B. Cost Summary**

Estimated cost per flash tank separator replacement (including equipment and labor): **\$ 280,000**

**C. Methane Emissions Reduction**

Method Used:

Data Source: **Not Applicable**

Methane Emissions Reduction: **10,710.00 Mcf/year**

Flash Tank Installation Number	TEG circulation rate (gal/hr)	Methane entrainment rate (scf/gal)	Hours of operation (hrs/yr)
1	40	3	0

Total # Flash Tanks Installed: **1**

**D. Duration of Activity**

Number of years that methane emissions reductions will be realized: \_\_\_\_\_ years

**E. Total Value of Gas Saved**

Value of Gas Saved: **\$ 80,721.27**

\$ / Mcf used: **\$ 7.54**

**F. Planned Future Activities**

Number of flash tank separators to be installed next year: \_\_\_\_\_ flash tanks

**Previous Years' Activities**

Year	# of Flash Tank Separators Installed	Total Cost * (\$)	Estimated Reductions (Mcf/Yr)	Value of Gas Saved (\$)

\* Total cost of installations (including equipment and labor)

**Additional Comments**

Estimated time to recover cost: 3.5 years

Quicksilver Resources  
Additional Accomplishments

With the growth of Quicksilver Resources Inc in the Barnett Shale, we intend to utilize the BMP's & PRO's listed in the Natural Gas STAR website to reduce our emissions & increase our profits.

To become better informed & discuss various technologies with other company participants, Quicksilver Resources Inc did involve employees in both the Compressor Technology Transfer Webcast and the Producers & Processors Technology Transfer Workshop.